American Weigh Scales, Inc.

ASH TRAY SCALE

Digital Pocket Scale

AT-500 *User Manual*
AT-100

Ash Tray Scale Manual

Thank you for purchasing the American Weigh Ash Tray Scale digital pocket scale. Please read all operating instructions carefully before use. Scales are precision instruments and should always be handled with proper care. To ensure years of reliable service, keep these simple tips in mind:

• Do not exceed the scales maximum capacity. Overloading your scale can permanently damage it!
• Avoid exposure to extreme heat or cold. Scales perform best at normal room temperature. If temperatures have changed dramatically, recalibration may be necessary.
• Allow your scale to warm up for 30-60 seconds before performing calibration (if available).
• Store your scale in a clean, dry location. Dust, dirt, and moisture can accumulate on the weighing sensors and electronics causing innacuracy or malfunction.
• Avoid using your scale in close proximity to strong radio wave emitting devices such as computers, cash registers, and cordless phones.
• Always weigh on a flat and level surface, free from vibrations and drafts. The corner of a room is usually the most stable.
• Gently apply all items to be weighed. Do not drop items onto the weighing platform.
• Avoid dropping your scale. The warranty does not cover damage due to rough treatment or overload.

I. OPERATION

Place Scale on a horizontal flat surface and remove the metal ash tray cover before weighing.

1. Press the [ON/OFF] key.
2. Wait until "0.0” or "0.00" is displayed.
3. Place the object(s) on the weighing platform.
4. Using the [MODE] key, you can switch between weighing units.

II. TARE WEIGHING

1. Turn on scale as described above.
2. Place the "tare item" such as a tray on the platform.
3. Press [TARE] and wait until "0.0g" is displayed.
4. Add the "net-weight-item".

III. CALIBRATION

Calibration is NOT required before first use. Only calibrate if scale is not weighing properly.

1. Turn the scale ON and wait for the display to show zero.
2. Press and hold the [CAL] key until the display shows "CAL". Now release the key.
3. The display will flash "0.0g". Ensure that no weight is on the scale and press the [CAL] button to calibrate the zero point of the scale.
4. The display will now flash the required calibration weight. Place the calibration weight (not included) onto the center of the platform and press the [CAL] key once more.

5. The display will show "PASS". Calibration is complete!

V. TROUBLESHOOTING

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating on an unstable surface. Please keep this in mind and maintain and operate your scale properly. This scale is a precise instrument and must be handled with the utmost care and caution.

[Display]	Elimination of errors
[Err]	You are overloading the scale. Remove the excessive load immediately!
[UNST]	Use the scale in a more stable position

Specifications

Model	AT-500	AT-100
Capacity	500g / 17.64oz / 16.08ozt / 321.5dwt	100g / 3.53oz / 3.22ozt / 64.30dwt
Resolution	0.1g / 0.005oz / 0.005ozt / 0.1dwt	0.01g / 0.001oz / 0.001ozt / 0.01dwt
Weighing Units	g, oz, ozt, dwt	g, oz, ct, gn
Calibration Weight (not Included)	200g	100g
Platform Dimensions (inches)	~2.5 x 1.5	
Scale Dimensions (inches)	3.8 x 3.8 x 1.3	
Power	2 x AAA Batteries (included)	